Daily Schedule for MICMoR Summer School
10-18 July, 2012

WEEK 1:

Monday evening, 09 July
MICMoR Opening Celebration starting at 16.00

Tuesday, 10 July
09.00-12.00: Fundamentals of atmospheric science and hydrometeorology and regional climate concepts
13.30-17.00: Hydrometeorology of complex terrain: Warm and cold season precipitation processes
Daily assignment: Paper/book chapter reading

Wednesday, 11 July
09.00-12.00: Discuss daily assignment
Theoretical treatment of land surface exchange processes
13.30-17.00: Conceptualizations of land surface models
Conceptualizations of hydrological models
Daily assignment: Evapotranspiration Calculations

Thursday, 12 July
09.00-12.00: Discuss daily assignment
Overview and assessment of various measurement approaches
13.30-17.00: Development and design of integrated research projects

Friday, 13 July
09.00-12.00: Discuss daily assignment
General discussion on coupled modeling systems for regional and global applications
13.30-17.00: Technical description and tutorial of the ‘Noah land surface model’
Daily assignment: Noah land surface model problem
Saturday, 14 July
08.00-17.00:
Field trip

Weekend assignments: Problem set from field trip and reading on modeling for the coming week

WEEK 2:

Monday, 16 July
09.00-12.00:
Discuss weekend assignment
Technical description of the Weather Research and Forecasting (WRF) modeling system

13.30-16.30:
Cont. discussion and tutorial of WRF modeling system

Daily assignment: WRF modeling problem

Tuesday, 17 July
09.00-12.00:
Discuss daily assignment
Technical description of the WRF-Hydro modeling system

13.30-16.30:
Cont. discussion and tutorial of the WRF-Hydro modeling system
Daily assignment: WRF-Hydro modeling problem

Wednesday, 18 July
09.00-12.00:
Discuss daily assignment
Course review

13.30-16.00:
Wrap-up with open question and answer discussion

Starting at 17.00: IMK-IFU Sommerfest